IN THE CLAIMS:

Please replace all previously pending claims with the listing of claims set forth below:

1. (CURRENTLY AMENDED) A seat structure including a seat cushion having a cushioning member for the ~~a~~ seat cushion stretched across a cushion frame, and a seat back having a cushioning member for the ~~a~~ seat back stretched across a back frame, comprising:

at least one of a supporting pressure adjusting means for the seat cushion for changing a supporting pressure of the ~~said~~ cushioning member for the seat cushion and a supporting pressure adjusting means for the seat back for changing a supporting pressure of the ~~said~~ cushioning member for the seat back,

wherein said supporting pressure adjusting means for the seat cushion and said supporting pressure adjusting means for the seat back comprises:

a cloth spring provided on the back of the cushioning member for the seat cushion or the cushioning member for the seat back respectively and stretched across the cushion frame or the back frame; and

a cloth spring adjusting member to adjust tension of said cloth spring,

wherein said cloth spring adjusting member adjusts the tension of said cloth spring to change the supporting pressure of the cushioning member for the seat cushion stretched across the cushion frame or the supporting pressure of the cushioning member for the seat back stretched across the back frame;

a movable frame fixed horizontally and being pivotable forward and backward on the front of the cushion frame, and engaging with said cloth spring;

a torsion bar horizontally hung on in the rear of the cushion frame;

a L-shaped arm rotatable using both ends of the torsion bar as a rotational center; and

a rear end supporting frame hung on parallel to and downward from the torsion bar via the L-shaped arms supporting the rear end supporting frame, the rear end supporting frame serving as a portion of the cushion frame and connected with said cloth spring,

wherein one end of said cloth spring composing said supporting pressure adjusting means for the seat cushion is disposed on the ~~a~~ front of the cushion frame along a width direction and engaged with the movable frame pivotable forward and backward, and the other end of said cloth spring is connected to the rear end supporting frame; and

wherein said cloth spring adjusting member is structured such that it can pivot the movable frame forward and backward so that the movable frame displaces the rear end supporting frame and the tension of said cloth spring variably, and at least a portion of the ~~said~~ cushioning member for the seat cushion is displaced in a direction protruding upward by pivoting the movable frame forward in a seated state to raise the supporting pressure.

2. (ORIGINAL) The seat structure according to claim 1, comprising:

both of said supporting pressure adjusting means for the seat cushion and said supporting pressure adjusting means for the seat back.

3. (PREVIOUSLY PRESENTED) The seat structure according to claim 1, wherein said cushioning member for the seat cushion stretched across the cushion frame and said cushioning member for the seat back stretched across the back frame are a solid knitted fabric knitted by reciprocating connecting yarn between a pair of ground knitted fabrics positioned at a prescribed distance or a stacked body of a solid knitted fabric and a urethane member.

4. (CANCELLED)

5. (CURRENTLY AMENDED) The seat structure according to claim 1,

wherein one end of said cloth spring provided on the back of the ~~said~~ cushioning member for the seat back is disposed at an ~~the~~ upper portion of the ~~said~~ back frame along a ~~the~~ width direction, and engaged with a movable frame pivotable forward and backward ~~in front and behind~~, and the other end of said ~~the~~ cloth spring is connected to a ~~the~~ lower portion of the ~~said~~ back frame, and both side ends of said ~~the~~ cloth spring are connected to side frames protruding more to the front from the upper portion of the ~~said~~ back frame via a spring member, and biased in a ~~the~~ direction pushed forward in a ~~the~~ normal state by the spring member; and

wherein said cloth spring adjusting member is structured such that it can pivot the ~~said~~ movable frame forward and backward ~~in front and behind~~, and at least a portion of the ~~said~~ cushioning member for the seat back is displaced in a direction protruding forward by pivoting the movable frame forward in the seated state to raise the supporting pressure.

6. (CURRENTLY AMENDED) The seat structure according to claim 1 [[4]], wherein said respective cloth spring adjusting members comprise:

a motor; and

a transmitting member provided between the motor and the movable frame, transmitting the drive of the motor to the ~~said~~ movable frame, and pivoting the movable frame forward and backward ~~in front and behind~~.

7. (CURRENTLY AMENDED) The seat structure according to claim 1, wherein a displacement amount forward and backward of ~~in front of and behind~~ the movable frame pivoting by said supporting pressure adjusting means for the seat cushion is controlled in the range of 5 to 15 mm in a straight distance.

8. (CURRENTLY AMENDED) The seat structure according to claim 1, wherein a displacement amount forward and backward of ~~in front of and behind~~ the movable frame pivoted by said supporting pressure adjusting means for the seat back is controlled in the range of 10 to 20 mm in a straight distance.

9. (CURRENTLY AMENDED) The seat structure according to claim 1, wherein at least one of said ~~the respective~~ cloth spring adjusting members composing said supporting pressure adjusting means for the seat cushion or said supporting pressure adjusting means for the seat back is ~~are~~ controlled to operate at every prescribed time interval ~~intervals respectively~~.

10. (CURRENTLY AMENDED) The seat structure according to claim 9, wherein at least one of said ~~respective~~ cloth spring adjusting members is ~~are~~ controlled to operate at every prescribed time interval, during a prescribed operating period of time, and at a prescribed cycle ~~respectively~~.

11. (CURRENTLY AMENDED) The seat structure according to claim 1, wherein the seat structure comprises ~~is structured to~~ a sitting state determining mechanism to determine a ~~the~~ state of at least one element out of a ~~the~~ degree of fatigue and a ~~the~~ degree of awakenness to perform drive controlling of at least one of said ~~the~~ supporting pressure adjusting means for the seat cushion and said ~~the~~ supporting pressure adjusting means for the seat back according to an output signal from the sitting state determining mechanism.

12. (CURRENTLY AMENDED) The seat structure according to claim 1, further comprising a stimulus imparting means for enhancing a ~~the~~ degree of awakenness of a seated person.

13. (CURRENTLY AMENDED) The seat structure according to claim 12,

wherein the seat structure comprises ~~provides~~ a sitting state determining mechanism to determine a ~~the~~ state of at least one element out of the degree of fatigue and the degree of awakenness; and

wherein said stimulus imparting means operates when at least one of the degree of fatigue and the degree of awakenness determined by said sitting state determining mechanism arrives at a prescribed degree of fatigue or awakenness.

14. (CURRENTLY AMENDED) The seat structure according to claim 12, wherein the ~~said~~ stimulus imparting means is a movable lumbar support mechanism at least forward and backward ~~movably~~ provided ~~at least in front and behind~~ in the vicinity corresponding to a ~~the~~ lumbar vertebra in the seat back.